



SURVIVAL SCHOOL COURSE

NCFE IIO

LEVEL 3

AXE PROFICIENCY COURSE

LEARNING OUTCOMES

Learning Outcomes:**The learner will:**

Investigate the anatomy of axes and examine the safety involved in axe use.

The learner will:

Examine

1.1

- a. And be able to identify the different parts of an axe
- b. The different axes for different jobs
- c. And understand the safety required for axe use

The learner can:

1.2

- a. Identify every part of the axe
- b. Select a suitable axe for the task at hand
- c. Use an axe safely

Range (explanation)

This unit is designed to ensure that the learner is safe when using an axe and can communicate with another user about axes and axe anatomy.

Internal Assessment Guidance – Unit 01:**Learning Outcome:** (list one after the other)

| Number | Type of evidence | Additional information (if applicable) |
|---------------|-------------------------|---|
| 1.2a | Q/A | |
| 1.2b | PD | |
| 1.2c | PD | |

Q/A – Question and Answer, PD Practical Demonstration

Learning Outcomes:**The learner will:**

Investigate felling, snedding and cross cutting of a small tree.

The learner will:

Examine

2.1

- a. The direction of fall of a small tree when felled and the techniques used to fell that tree.
- b. The use of axes to remove or sned the branches of a fallen tree
- c. The use of axes to cut the remaining trunk into usable lengths

The learner can:

Demonstrate that they can

2.2

- a. Fell a tree in the requested direction
- b. Remove the branches from a fallen tree using an axe
- c. Cut the trunk of a fallen tree into the correct lengths for a job.

Range (explanation)

This unit is designed to start the woodland produce line. Nothing should be left from the fallen tree and these first three actions are the set up for the rest of the course.

Internal Assessment Guidance – Unit 02:**Learning Outcome:** (list one after the other)

| Number | Type of evidence | Additional information (if applicable) |
|---------------|-------------------------|---|
| 2.2a | Q/A and PD | |
| 2.2b | Q/A and PD | |
| 2.2c | Q/A and PD | |

Q/A – Question and Answer, PD Practical Demonstration

Learning Outcomes:**The learner will:**

Examine the techniques employed to point and stick, bevel the end and split both lengthwise and through a stump.

The learner will:

Examine and analyse

3.1

- a. Techniques to point a long stick with an axe
- b. Techniques to bevel a stick with an axe to prevent mushrooming
- c. Techniques to split a stump
- d. Techniques to split a long log / part of a trunk

The learner can:**3.2**

- a. Point a stick with and axe
- b. Bevel a stick
- c. Split a stump
- d. Split a long log lengthwise

Range (explanation)

This unit is a follow on from the cross cutting and snedding in the previous section. The idea is to start to make things from the wood that is left over from the felled tree.

Internal Assessment Guidance – Unit 03:**Learning Outcome:** (list one after the other)

| Number | Type of evidence | Additional information (if applicable) |
|---------------|-------------------------|---|
| 3.2.a | PD | |
| 3.2.b | PD | |
| 3.2.c | PD | |
| 3.2.d | PD | |

Q/A – Question and Answer, PD Practical Demonstration

Learning Outcomes:**The learner will:**

Examine how to make a woodsman's clamp and the construction and use of faggots.

The learner will:

Examine

4.1

- a. How to make a woodsman's clamp.
- b. How to make a faggot and understand what they are used for.

The learner can:

4.2

- a. Demonstrate how to make a woodsman's clamp
- b. Demonstrate how to make a faggot and describe its use.

Range (explanation)

This unit is designed to extend the use of the felled tree. From the branches, a clamp can be made and from the small branches and twigs a faggot can be made.

Internal Assessment Guidance – Unit 04:**Learning Outcome:** (list one after the other)

| Number | Type of evidence | Additional information (if applicable) |
|--------|------------------|--|
| 4.2a | PD | |
| 4.2b | PD and Q/A | |

Q/A – Question and Answer, PD Practical Demonstration

Learning Outcomes:**The learner will:**

Examine the methods used to maintain axes

The learner will:

Examine

5.1

- a. How to sharpen an axe
- b. How to oil and axe and treat the axe handle

The learner can:

Discuss and demonstrate where practicable

5.2

- a. The sharpening of an axe
- b. The oiling and handle maintenance of an axe

Range (explanation)

This module is designed to provide the knowledge and skill required to keep an axe in good working order.

Internal Assessment Guidance – Unit 5:**Learning Outcome:** (list one after the other)

| Number | Type of evidence | Additional information (if applicable) |
|---------------|-------------------------|---|
| 5.2a | PD and Q/A | |
| 5.2b | PD and Q/A | |

Q/A – Question and Answer, PD Practical Demonstration

Learning Outcomes:**The learner will:**

Learn how to identify trees that are suitable for charcoal making and how to make charcoal from them.

The learner will:

Examine

6.1

- a. Species of trees
- b. Suitability of certain trees for charcoal making
- c. Use of a kiln
- d. Loading and lighting of a kiln
- e. Analysis of smoke
- f. Charcoal production

The learner can:

Demonstrate and describe

6.2

- a. A variety of species of trees
- b. Which woods are best for charcoal making
- c. How a kiln works and is set up
- d. How to load and light a kiln
- e. How the smoke changes to indicate how the burn is going
- f. Charcoal products

Range (explanation)

This unit is designed to introduce the learner to charcoal making and should be conducted with seasoned wood that is pre-prepared. The recently felled and prepared green wood should be stored for the next course.

Internal Assessment Guidance – Unit 06:

Learning Outcome: (list one after the other)

| Number | Type of evidence | Additional information (if applicable) |
|---------------|-------------------------|---|
| 6.2a | PD and Q/A | |
| 6.2b | PD and Q/A | |
| 6.2c | PD and Q/A | |
| 6.2d | PD and Q/A | |
| 6.2e | PD and Q/A | |
| 6.2f | PD and Q/A | |

Q/A – Question and Answer, PD Practical Demonstration

Learning Outcomes:**The learner will:**

Identify and examine the techniques in making saw horses and cords.

The learner will:

Examine

7.1

- a. The techniques for making saw horses
- b. The techniques for making cords and their uses and history

The learner can:

Demonstrate and describe

7.2

- a. How to make a saw horse using the axe techniques already taught
- b. How to make a cord and the history and uses of a cord.

Range (explanation)

This unit is designed to make a finished product from the tree felled at the beginning of the course.

Internal Assessment Guidance – Unit 07:**Learning Outcome:** (list one after the other)

| Number | Type of evidence | Additional information (if applicable) |
|---------------|-------------------------|---|
| 7.2a | PD and Q/A | |
| 7.2b | PD and Q/A | |

Q/A – Question and Answer, PD Practical Demonstration